

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 26, 2004, 15:58:56 ; Search time 32 Seconds
(without alignments)
3.507 Million cell updates/sec

Title: US-09-923-515-3
Perfect score: 7200

Sequence: 1 ctgggagattgggacacattt.....acctgaacctgacgcatacgc 7200

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 493 segs, 7793 residues

Total number of hits satisfying chosen parameters: 986

Minimum DB seq length: 12
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 505 summaries

Database : rge3.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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5	26	0.4	26	1	AR278865
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8	23.8	0.3	27	1	BD081422
9	23	0.3	23	1	A39504
10	23	0.3	23	1	A39504
11	20.4	0.3	24	1	AX613070
12	20	0.3	20	1	AR278868
13	20	0.3	20	1	BD130529
14	19	0.3	19	1	A39505
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19	17	0.2	17	1	AR481848
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Wed Oct 27 07:01:21 2004

gibbs515-3.rmpb

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Sequence 191, App
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Sequence 1407, Ap
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Sequence 32, Appl
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Sequence 65, Appl
Sequence 29, Appl
Sequence 30, Appl
Sequence 63, Appl
Sequence 35, Appl
Sequence 36, Appl
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Sequence 118, App
Sequence 142, App
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Sequence 24, Appl
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Sequence 14, Appl
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Sequence 5953, Ap
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Sequence 907, App
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Sequence 2356, App
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Sequence 5, Appl
Sequence 30, Appl
Sequence 19, Appl
Sequence 95, Appl
Sequence 9262, Ap
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Sequence 52257, A
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Sequence 22, Appl
Sequence 20, Appl
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Sequence 24, Appl
Sequence 63, Appl
Sequence 9, Appl
Sequence 3, Appl
Sequence 9262, Ap

ALIGNMENTS

RESULT 1
US-09-047-966-17
Sequence 17, Application US/09047966
Publication No. US20030138773A1
GENERAL INFORMATION:
APPLICANT: J. Gordon Foulkes, et al.
TITLE OF INVENTION: Methods of Transcriptionally
Modulating Gene Expression.
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESSES:
ADDRESSEE: John P. White, Esq.
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 100036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/047,966
FILING DATE: 03-MAR-1998
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 26134-12ZA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
TELEX:
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-047-966-17

Query Match 0.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 80 TATTTCGAAATGACGACGACCTGACGAAA 109
Db 1 TATTTCGAAATGACGACGACCTGACGAAA 30

RESULT 2
US-09-047-966-18
Sequence 18, Application US/09047966
Publication No. US20030138773A1
GENERAL INFORMATION:
APPLICANT: J. Gordon Foulkes, et al.
TITLE OF INVENTION: Methods of Transcriptionally
Modulating Gene Expression.
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESSES:
ADDRESSEE: John P. White, Esq.
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 100036

COMPUTER READABLE FORM:

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117	13.4	0.2	16	1	US-10-392-970-39	Sequence 39, Appl
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149	12.8	0.2	17	1	US-09-866-108-8424	Sequence 8424, Ap
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166	12.8	0.2	17	1	US-10-060-998-735	Sequence 735, Appl
167	12.8	0.2	17	1	US-10-060-998-739	Sequence 739, Appl
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169	12.8	0.2	17	1	US-10-156-306-5206	Sequence 5206, Ap
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OM nucleic - nucleic search, using SW model

Run on: October 26, 2004, 16:30:34 ; Search time 23 Seconds
(without alignments)
3.313 Million cell updates/sec

Title: US-09-923-515-3

Perfect score: 7200
Sequence: 1 cctggatgtggacacattt.....actgaacctgacgaatgc 7200

Scoring table: IDENTITY_NTC
Gapop 10.0, Gapext 0.5

Searched: 309 segs, 5291 residues

Total number of hits satisfying chosen parameters: 618

Minimum DB seq length: 12
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 325 summaries

Database: rmpb3.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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C 38	20	0.3	20	1	US-10-684-440-26	Sequence 26, Appl
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C 40	20	0.3	20	1	US-10-684-440-28	Sequence 28, Appl
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C 42	20	0.3	20	1	US-10-684-440-30	Sequence 30, Appl
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C 44	20	0.3	20	1	US-10-684-440-32	Sequence 32, Appl
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C 46	20	0.3	20	1	US-10-684-440-34	Sequence 34, Appl
C 47	20	0.3	20	1	US-10-684-440-35	Sequence 35, Appl
C 48	20	0.3	20	1	US-10-684-440-36	Sequence 36, Appl
C 49	20	0.3	20	1	US-10-684-440-37	Sequence 37, Appl
C 50	18.4	0.3	20	1	US-10-684-440-38	Sequence 38, Appl
C 51	18.4	0.3	20	1	US-10-684-440-39	Sequence 39, Appl
C 52	18.4	0.3	20	1	US-10-684-440-40	Sequence 40, Appl
C 53	18.4	0.3	20	1	US-10-684-440-41	Sequence 41, Appl
C 54	18.4	0.3	20	1	US-10-684-440-42	Sequence 42, Appl
C 55	18.4	0.3	20	1	US-10-684-440-43	Sequence 43, Appl
C 56	18.4	0.3	20	1	US-10-684-440-44	Sequence 44, Appl
C 57	17.4	0.2	20	1	US-10-684-440-45	Sequence 45, Appl
C 58	17.4	0.2	20	1	US-10-684-440-46	Sequence 46, Appl
C 59	17.4	0.2	20	1	US-10-684-440-47	Sequence 47, Appl
C 60	16.4	0.2	20	1	US-10-684-440-48	Sequence 48, Appl
C 61	15.8	0.2	20	1	US-10-684-440-49	Sequence 49, Appl
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C 78	15.2	0.2	20	1	US-10-684-440-66	Sequence 66, Appl
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C 82	14.4	0.2	20	1	US-10-684-440-70	Sequence 70, Appl
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C 92	14.4	0.2	20	1	US-10-684-440-80	Sequence 80, Appl
C 93	14.4	0.2	20	1	US-10-684-440-81	Sequence 81, Appl
C 94	14.4	0.2	20	1	US-10-684-440-82	Sequence 82, Appl
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C 96	14.4	0.2	20	1	US-10-684-440-84	Sequence 84, Appl
C 97	14.4	0.2	20	1	US-10-684-440-85	Sequence 85, Appl
C 98	14.4	0.2	20	1	US-10-684-440-86	Sequence 86, Appl
C 99	14.4	0.2	20	1	US-10-684-440-87	Sequence 87, Appl
C 100	14.4	0.2	20	1	US-10-684-440-88	Sequence 88, Appl
C 101	14.4	0.2	20	1	US-10-684-440-89	Sequence 89, Appl
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C 103	13.8	0.2	20	1	US-10-684-440-91	Sequence 91, Appl
C 104	13.8	0.2	20	1	US-10-684-440-92	Sequence 92, Appl
C 105	13.8	0.2	20	1	US-10-684-440-93	Sequence 93, Appl
C 106	13.8	0.2	20	1	US-10-684-440-94	Sequence 94, Appl

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C 404	11.4	0.2	15	1	US-09-475-947A-312
C 405	11.4	0.2	15	1	US-09-784-917-7
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C 408	11.4	0.2	15	1	US-09-389-283-24
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C 424	11.1	0.2	13	1	US-08-520-194-7
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C 427	10.8	0.2	14	1	US-08-535-249-63
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C 431	10.4	0.1	12	1	US-08-458-372-4
C 432	10.4	0.1	12	1	US-08-466-670-11
C 433	10.4	0.1	12	1	US-08-508-761B-18
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Sequence 21, Appl	
Sequence 24, Appl	
Sequence 31, App	
Sequence 312, App	
Sequence 7, Appl	
Sequence 142, App	
Sequence 21, Appl	
Sequence 24, Appl	
Sequence 16, Appl	
Sequence 142, App	
Sequence 12, Appl	
Sequence 13, Appl	
Sequence 14, Appl	
Sequence 15, Appl	
Sequence 16, Appl	
Sequence 5, Appl	
Sequence 7, Appl	
Sequence 18, Appl	
Sequence 13, Appl	
Sequence 3, Appl	
Patent No. 5185259	
Patent No. 5212286	
Sequence 7, Appl	
Sequence 1851, Ap	
Sequence 122, App	
Sequence 63, Appl	
Sequence 1851, Ap	
Sequence 4, Appl	
Sequence 11, Appl	
Sequence 32, Appl	
Sequence 48, Appl	
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Sequence 18, Appl	
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Patent No. 5212286	
Sequence 3, Appl	
Sequence 4, Appl	
Sequence 6, Appl	
Sequence 6, Appl	
Sequence 6, Appl	
Sequence 12, Appl	
Sequence 35, Appl	
Sequence 10, Appl	
Sequence 6, Appl	
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Sequence 172, App	
Sequence 20, Appl	
Sequence 7, Appl	
Sequence 16, Appl	
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Sequence 16, Appl	
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Sequence 16, Appl	
Sequence 7, Appl	

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C 478	9.8	0.1	13	1	US-08-203-534-4
C 479	9.8	0.1	13	1	US-08-484-304-35
C 480	9.8	0.1	13	1	US-08-484-304-35
C 481	9.8	0.1	13	1	US-08-709-209-122
C 482	9.8	0.1	13	1	US-08-484-304-35
C 483	9.8	0.1	13	1	US-08-484-304-35
C 484	9.8	0.1	13	1	US-08-705-937-12
C 485	9.8	0.1	13	1	US-08-767-942A-42
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C 489	9.8	0.1	13	1	US-09-727-532A-1
C 490	9.8	0.1	13	1	US-09-717-847E-3
C 491	9.8	0.1	13	1	US-09-717-847E-4
C 492	9.8	0.1	13	1	US-09-569-193A-1
C 493	9.8	0.1	13	1	US-09-920-923B-54
C 494	9.8	0.1	13	1	US-10-057-812A-1
C 495	9.8	0.1	13	1	US-09-865-044-1
C 496	9.8	0.1	13	1	US-09-854-417A-2

ALIGNMENTS

RESULT 1
US-07-832-905B-17
Sequence 17, Application US/07832905B
Patent No. 5580722

GENERAL INFORMATION:
APPLICANT: J. Gordon Foulkes, et al.
TITLE OF INVENTION: Methods of Transcriptionally
TITLE OF INVENTION: Modulating Expression of Genes Associated with Cardiovascular
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White, Esq.
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10112

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/832,905B
FILING DATE: 19920207
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 26134-H
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-07-832-905B-17
Query Match 0.4%; Score 30; DB 1; Length 30;

253	12.8	0.2	17	1	US-09-866-108A-8693	Sequence 8693, Ap	C 326	11.4	0.2	15	1	US-07-664-989B-118	Sequence 118, App
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261	12.4	0.2	15	1	US-08-311-760A-210	Sequence 210, App	C 334	11.4	0.2	15	1	US-08-467-597A-13	Sequence 13, Appl1
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C 277	12.4	0.2	16	1	US-09-371-772B-5700	Sequence 5700, Ap	C 350	11.4	0.2	15	1	US-08-475-467-13	Sequence 13, Appl1
C 278	12.4	0.2	12	1	US-07-832-905B-20	Sequence 20, Appl	C 351	11.4	0.2	15	1	US-08-738-944-12	Sequence 12, Appl1
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C 282	12.4	0.2	13	1	US-09-263-352-16	Sequence 16, Appl	C 355	11.4	0.2	15	1	US-08-468-037A-24	Sequence 24, Appl1
C 283	12.4	0.2	15	1	US-08-105-483-273	Sequence 273, App	C 356	11.4	0.2	15	1	US-08-890-084-13	Sequence 13, Appl1
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C 287	12.4	0.2	15	1	US-08-224-657-108	Sequence 108, App	C 360	11.4	0.2	15	1	US-08-890-084-13	Sequence 13, Appl1
C 288	12.4	0.2	15	1	US-08-709-209-273	Sequence 273, App	C 361	11.4	0.2	15	1	US-08-890-084-13	Sequence 13, Appl1
C 289	12.4	0.2	15	1	US-08-257-073-66	Sequence 66, Appl	C 362	11.4	0.2	15	1	US-08-890-084-13	Sequence 13, Appl1
C 290	12.4	0.2	15	1	US-08-458-101-273	Sequence 273, App	C 363	11.4	0.2	15	1	US-08-774-306A-188	Sequence 188, App
C 291	12.4	0.2	15	1	US-08-311-486C-30	Sequence 30, App	C 364	11.4	0.2	15	1	US-08-774-306A-246	Sequence 246, App
C 292	12.4	0.2	15	1	US-08-184-009-137	Sequence 137, App	C 365	11.4	0.2	15	1	US-08-471-973A-21	Sequence 21, Appl1
C 293	12.4	0.2	15	1	US-08-566-398-48	Sequence 48, Appl	C 366	11.4	0.2	15	1	US-08-568-684B-1645	Sequence 1645, App
C 294	12.4	0.2	15	1	US-08-774-310-36	Sequence 36, Appl	C 367	11.4	0.2	15	1	US-08-568-684B-1646	Sequence 1646, App
C 295	12.4	0.2	15	1	US-08-458-355-137	Sequence 137, App	C 368	11.4	0.2	15	1	US-08-568-684B-1647	Sequence 1647, App
C 296	12.4	0.2	15	1	US-08-658-665-91	Sequence 91, Appl	C 369	11.4	0.2	15	1	US-08-568-684B-1648	Sequence 1648, App
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C 300	12.4	0.2	15	1	US-09-354-138-108	Sequence 108, App	C 373	11.4	0.2	15	1	US-08-774-310-59	Sequence 59, Appl1
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OM nucleic - nucleic search, using sw model

Run on: October 26, 2004, 16:20:46 ; Search time 30 Seconds

(without alignments)
3.582 Million cell updates/sec

Title: US-09-923-515-3

Perfect score: 7200

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Scoring table:

IDENTITY NUC
Gapop 10.0 ; Gapext 0.5

Searched: 487 seqs, 7463 residues

Total number of hits satisfying chosen parameters: 974

Minimum DB seq length: 12
Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 495 summaries

Database : rnt3.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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4	30	0.4	30	1	US-08-700-757-18
5	26	0.4	26	1	US-09-227-701-3
6	23	0.3	23	1	US-08-185-301-5
7	19	0.3	19	1	US-09-227-701-6
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28	15.8	0.2	21	1	US-09-422-978B-10373
29	15.4	0.2	17	1	US-09-371-772B-6341
30	15.2	0.2	20	1	US-09-428-584-19
31	15.2	0.2	20	1	US-09-490-692-171
32	15.2	0.2	20	1	US-08-968-815-35
33	15.2	0.2	20	1	US-09-120-025-35

34	15.2	0.2	20	1	US-09-021-701-243
35	15.2	0.2	20	1	US-09-021-701-762
36	15.2	0.2	20	1	US-09-710-481-35
37	15.2	0.2	20	1	US-09-553-875-35
38	15.2	0.2	20	1	US-09-768-670-35
39	15.2	0.2	20	1	US-09-544-398B-264
40	15	0.2	15	1	US-08-311-760A-7
41	15	0.2	15	1	US-08-311-760A-8
42	15	0.2	15	1	US-08-311-760A-9
43	15	0.2	15	1	US-08-311-760A-10
44	15	0.2	15	1	US-08-311-760A-11
45	15	0.2	15	1	US-08-311-760A-12
46	15	0.2	15	1	US-08-311-760A-13
47	15	0.2	15	1	US-08-311-760A-14
48	15	0.2	15	1	US-08-311-760A-15
49	15	0.2	15	1	US-08-311-760A-16
50	15	0.2	15	1	US-08-311-760A-17
51	15	0.2	15	1	US-08-311-760A-18
52	15	0.2	15	1	US-08-311-760A-19
53	15	0.2	15	1	US-08-311-760A-169
54	15	0.2	15	1	US-08-311-760A-170
55	15	0.2	15	1	US-08-311-760A-171
56	15	0.2	15	1	US-08-311-760A-172
57	15	0.2	15	1	US-08-311-760A-173
58	15	0.2	15	1	US-08-311-760A-174
59	15	0.2	15	1	US-08-311-760A-175
60	15	0.2	15	1	US-08-311-760A-176
61	15	0.2	15	1	US-08-311-760A-188
62	15	0.2	15	1	US-08-311-760A-194
63	15	0.2	15	1	US-08-311-760A-195
64	15	0.2	15	1	US-08-311-760A-196
65	15	0.2	15	1	US-08-311-760A-198
66	15	0.2	15	1	US-08-311-760A-199
67	15	0.2	15	1	US-08-311-760A-200
68	15	0.2	15	1	US-08-311-760A-201
69	15	0.2	15	1	US-08-311-760A-202
70	15	0.2	15	1	US-08-311-760A-224
71	15	0.2	15	1	US-08-311-760A-225
72	15	0.2	15	1	US-08-774-310-7
73	15	0.2	15	1	US-08-774-310-8
74	15	0.2	15	1	US-08-774-310-9
75	15	0.2	15	1	US-08-774-310-10
76	15	0.2	15	1	US-08-774-310-11
77	15	0.2	15	1	US-08-774-310-12
78	15	0.2	15	1	US-08-774-310-13
79	15	0.2	15	1	US-08-774-310-14
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81	15	0.2	15	1	US-08-774-310-16
82	15	0.2	15	1	US-08-774-310-17
83	15	0.2	15	1	US-08-774-310-168
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93	15	0.2	15	1	US-08-774-310-194
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96	15	0.2	15	1	US-08-774-310-198
97	15	0.2	15	1	US-08-774-310-199
98	15	0.2	15	1	US-08-774-310-200
99	15	0.2	15	1	US-08-774-310-201
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102	15	0.2	15	1	US-08-774-310-225
103	14.8	0.2	19	1	US-07-720-585A-1
104	14.8	0.2	19	1	US-07-720-585A-4
105	14.8	0.2	19	1	US-07-720-585A-5
106	14.8	0.2	19	1	US-07-720-585A-6

C 691	11	0.2	12	1	AB102148	Oligonucleotide pr
692	11	0.2	12	1	AB105650	Oligonucleotide pr
693	11	0.2	12	1	AB180923	Oligonucleotide pr
694	11	0.2	13	1	AB189579	Mycobacterium aviu
695	11	0.2	13	1	AAT91810	Mycobacterium capt
C 696	11	0.2	13	1	AAV11104	Human ribozyme tar
C 697	11	0.2	13	1	ABC65114	Oligonucleotide SE
C 698	11	0.2	13	1	ABF19256	Oligonucleotide SE
C 699	11	0.2	13	1	ABH24391	Oligonucleotide SE
C 700	11	0.2	13	1	ABH35536	Oligonucleotide SE
701	11	0.2	13	1	ABH35537	Oligonucleotide SE
702	11	0.2	13	1	ABF61273	Oligonucleotide SE
703	11	0.2	13	1	ABH15668	Oligonucleotide SE
C 704	11	0.2	13	1	ABF95916	Oligonucleotide SE
C 705	11	0.2	13	1	ABH03130	Oligonucleotide SE
C 706	11	0.2	13	1	ABF53491	Oligonucleotide SE
C 707	11	0.2	13	1	ABC92784	Oligonucleotide SE
708	11	0.2	13	1	ABF03593	Oligonucleotide SE
709	11	0.2	13	1	ABC58619	Oligonucleotide SE
710	11	0.2	13	1	ABH21953	Oligonucleotide SE
711	11	0.2	13	1	ABH24189	Oligonucleotide SE
712	11	0.2	13	1	ABF64426	Oligonucleotide SE
713	11	0.2	13	1	ABF00155	Oligonucleotide SE
714	11	0.2	13	1	ABF00301	Oligonucleotide SE
715	11	0.2	13	1	ABF34783	Oligonucleotide SE
716	11	0.2	13	1	ABF45850	Oligonucleotide SE
C 717	11	0.2	13	1	ABF59917	Oligonucleotide SE
C 718	11	0.2	13	1	ABH22816	Oligonucleotide SE
C 719	11	0.2	13	1	ABF81198	Oligonucleotide SE
C 720	11	0.2	13	1	ABC67328	Oligonucleotide SE
C 721	11	0.2	13	1	ABC23767	Oligonucleotide SE
C 722	11	0.2	13	1	ABF00154	Oligonucleotide SE
C 723	11	0.2	13	1	ABC04986	Oligonucleotide SE
C 724	11	0.2	13	1	ABC06058	Oligonucleotide SE
C 725	11	0.2	13	1	ABC39811	Oligonucleotide SE
C 726	11	0.2	13	1	ABF33617	Oligonucleotide SE
727	11	0.2	13	1	ABF94893	Oligonucleotide SE
C 728	11	0.2	13	1	ABH21823	Oligonucleotide SE
C 729	11	0.2	13	1	ABF77847	Oligonucleotide SE
C 730	11	0.2	13	1	ABF78839	Oligonucleotide SE
C 731	11	0.2	13	1	ABF81199	Oligonucleotide SE
C 732	11	0.2	13	1	ABC48974	Oligonucleotide SE
733	11	0.2	13	1	ABF07269	Oligonucleotide SE
C 734	11	0.2	13	1	ABC58618	Oligonucleotide SE
C 735	11	0.2	13	1	ABC90248	Oligonucleotide SE
C 736	11	0.2	13	1	ABF16919	Oligonucleotide SE
C 737	11	0.2	13	1	ABF20913	Oligonucleotide SE
738	11	0.2	13	1	ABF78838	Oligonucleotide SE
739	11	0.2	13	1	ABF61271	Oligonucleotide SE
C 740	11	0.2	13	1	ABF87218	Oligonucleotide SE
C 741	11	0.2	13	1	ABH15669	Oligonucleotide SE
C 742	11	0.2	13	1	ABH47434	Oligonucleotide SE
743	11	0.2	13	1	ABH54670	Oligonucleotide SE
C 744	11	0.2	13	1	ABF07268	Oligonucleotide SE
745	11	0.2	13	1	ABC39810	Oligonucleotide SE
746	11	0.2	13	1	ABF19257	Oligonucleotide SE
C 747	11	0.2	13	1	ABF27940	Oligonucleotide SE
C 748	11	0.2	13	1	ABF33616	Oligonucleotide SE
C 749	11	0.2	13	1	ABH22817	Oligonucleotide SE
750	11	0.2	13	1	ABF98627	Oligonucleotide SE
751	11	0.2	13	1	ABF87221	Oligonucleotide SE
752	11	0.2	13	1	ABH39496	Oligonucleotide SE
C 753	11	0.2	13	1	ABH54671	Oligonucleotide SE
754	11	0.2	13	1	ABC23766	Oligonucleotide SE
C 755	11	0.2	13	1	ABC53350	Oligonucleotide SE
C 756	11	0.2	13	1	ABC04987	Oligonucleotide SE
C 757	11	0.2	13	1	ABC15684	Oligonucleotide SE
C 758	11	0.2	13	1	ABF45851	Oligonucleotide SE
C 759	11	0.2	13	1	ABF33450	Oligonucleotide SE
760	11	0.2	13	1	ABF38289	Oligonucleotide SE
761	11	0.2	13	1	ABH21822	Oligonucleotide SE
C 762	11	0.2	13	1	ABF98626	Oligonucleotide SE
763	11	0.2	13	1	ABF75923	Oligonucleotide SE

764	11	0.2	13	1	ABH03131	Oligonucleotide SE
C 765	11	0.2	13	1	ABF87220	Oligonucleotide SE
766	11	0.2	13	1	ABF66755	Oligonucleotide SE
C 767	11	0.2	13	1	ABC80114	Oligonucleotide SE
C 768	11	0.2	13	1	ABF28018	Oligonucleotide SE
769	11	0.2	13	1	ABF89098	Oligonucleotide SE
C 770	11	0.2	13	1	ABF66754	Oligonucleotide SE
771	11	0.2	13	1	ABC42847	Oligonucleotide SE
C 772	11	0.2	13	1	ABC48975	Oligonucleotide SE
C 773	11	0.2	13	1	ABC11055	Oligonucleotide SE
C 774	11	0.2	13	1	ABC15695	Oligonucleotide SE
C 775	11	0.2	13	1	ABF77846	Oligonucleotide SE
776	11	0.2	13	1	ABF89099	Oligonucleotide SE
C 777	11	0.2	13	1	ABC67333	Oligonucleotide SE
778	11	0.2	13	1	ABF27941	Oligonucleotide SE
C 779	11	0.2	13	1	ABF28019	Oligonucleotide SE
C 780	11	0.2	13	1	ABC51351	Oligonucleotide SE
781	11	0.2	13	1	ABF10742	Oligonucleotide SE
782	11	0.2	13	1	ABF30954	Oligonucleotide SE
C 783	11	0.2	13	1	ABF30955	Oligonucleotide SE
C 784	11	0.2	13	1	ABF34782	Oligonucleotide SE
C 785	11	0.2	13	1	ABF94892	Oligonucleotide SE
C 786	11	0.2	13	1	ABH24390	Oligonucleotide SE
C 787	11	0.2	13	1	ABF00300	Oligonucleotide SE
C 788	11	0.2	13	1	ABF38288	Oligonucleotide SE
C 789	11	0.2	13	1	ABF75922	Oligonucleotide SE
C 790	11	0.2	13	1	ABF61270	Oligonucleotide SE
C 791	11	0.2	13	1	ABF87219	Oligonucleotide SE
C 792	11	0.2	13	1	ASH39497	Oligonucleotide SE
793	11	0.2	13	1	ABC67329	Oligonucleotide SE
794	11	0.2	13	1	ABC92785	Oligonucleotide SE
C 795	11	0.2	13	1	ABC42846	Oligonucleotide SE
C 796	11	0.2	13	1	ABF03592	Oligonucleotide SE
C 797	11	0.2	13	1	ABC80115	Oligonucleotide SE
C 798	11	0.2	13	1	ABF10743	Oligonucleotide SE
C 799	11	0.2	13	1	ABC90250	Oligonucleotide SE
800	11	0.2	13	1	ABC90251	Oligonucleotide SE
C 801	11	0.2	13	1	ABF20912	Oligonucleotide SE
802	11	0.2	13	1	ABC67332	Oligonucleotide SE
803	11	0.2	13	1	ABC06059	Oligonucleotide SE
804	11	0.2	13	1	ABC11054	Oligonucleotide SE
805	11	0.2	13	1	ABC90249	Oligonucleotide SE
806	11	0.2	13	1	ABC65115	Oligonucleotide SE
807	11	0.2	13	1	ABF16918	Oligonucleotide SE
C 808	11	0.2	13	1	ABH21952	Oligonucleotide SE
C 809	11	0.2	13	1	ABH24188	Oligonucleotide SE
C 810	11	0.2	13	1	ABF84427	Oligonucleotide SE
C 811	11	0.2	13	1	ABF61272	Oligonucleotide SE
812	11	0.2	13	1	ABH47435	Oligonucleotide SE
C 813	11	0.2	14	1	AAV11056	Oligonucleotide SE
814	11	0.2	14	1	AAV48474	Human ribozyme tar
C 815	11	0.2	14	1	AAV21657	Integrin alpha 6 s

ALIGNMENTS

RESULT 1
 AAT58420
 ID AAT58420 standard; DNA; 30 BP.
 AC AAT58420;
 XX
 AC
 XX
 DT 25-MAR-2003 (revised)
 DT 24-MAR-1997 (first entry)
 XX
 DE Apolipoprotein A gene promoter probe, Apolipoprotein-2.
 mammalian expression shuttle vector; promoter-reporter gene fusion;
 screen; identify; transcription; modulator; multi-cloning site;
 KW beta-globin leader sequence; luciferase gene; gene expression;
 KW cardiovascular disease; atherosclerosis; stenosis; thrombosis;
 KW hypertension; ss.

C 545	11.4	0.2	15	1	AAO22408	Antisense sequence
C 546	11.4	0.2	15	1	AAO20389	Capture probe #1 f
C 547	11.4	0.2	15	1	AAO21480	Target region for
C 548	11.4	0.2	15	1	AAO85837	2'-O-alkylamino-co
C 549	11.4	0.2	15	1	AAO101730	Peptide nucleic ac
C 550	11.4	0.2	15	1	AAO22494	Mouse ICM hammer
C 551	11.4	0.2	15	1	AAO22447	Mouse ICM hammer
C 552	11.4	0.2	15	1	AAO37743	Apo(a) mRNA (nt. p
C 553	11.4	0.2	15	1	AAO37577	Apo(a) mRNA (nt. p
C 554	11.4	0.2	15	1	AAO37673	CD16 type I and II
C 555	11.4	0.2	15	1	AAO66181	Mouse B7-2 hamme
C 556	11.4	0.2	15	1	AAO66151	Mouse B7-2 hamme
C 557	11.4	0.2	15	1	AAO66152	Mouse B7-2 hamme
C 558	11.4	0.2	15	1	AAO66153	Mouse B7-2 hamme
C 559	11.4	0.2	15	1	AAO66152	Mouse B7-2 hamme
C 560	11.4	0.2	15	1	AAO66152	Mouse B7-2 hamme
C 561	11.4	0.2	15	1	AAO66154	Mouse B7-2 hamme
C 562	11.4	0.2	15	1	AAO33482	Oligomeric compou
C 563	11.4	0.2	15	1	AAO49219	Specific phospho
C 564	11.4	0.2	15	1	AAO51082	Phosphothioate o
C 565	11.4	0.2	15	1	AAO53024	Cytochrome c oxida
C 566	11.4	0.2	15	1	AAO48790	BzB-2 gene antis
C 567	11.4	0.2	15	1	AAO19664	Human bcl-2 antis
C 568	11.4	0.2	15	1	AAO15078	Nuclease resistant
C 569	11.4	0.2	15	1	AAO15081	5'-lipoxigenase DN
C 570	11.4	0.2	15	1	AAO73854	2'-modified oligon
C 571	11.4	0.2	15	1	AAO05476	2'-deoxy-2'-methyl
C 572	11.4	0.2	15	1	AAO05479	Substrate for HH r
C 573	11.4	0.2	15	1	AAO26235	HIV-1 protease gen
C 574	11.4	0.2	15	1	AAO26257	PCR primer for hum
C 575	11.4	0.2	15	1	AAO27834	Polyribonucleotide
C 576	11.4	0.2	15	1	AAO240170	Oligonucleotide SE
C 577	11.4	0.2	15	1	AAO248137	Human APC gene var
C 578	11.4	0.2	15	1	AAO248140	C-1027 gene cluste
C 579	11.4	0.2	15	1	AAO60127	DNA tagging relate
C 580	11.4	0.2	15	1	AAO63373	Human IGBR allele
C 581	11.4	0.2	15	1	AAO95247	Complex PCR amplif
C 582	11.4	0.2	15	1	AAO92147	Papillomavirus mod
C 583	11.4	0.2	15	1	AAO20784	Papillomavirus mod
C 584	11.4	0.2	15	1	AAO15970	Papillomavirus mod
C 585	11.4	0.2	15	1	AAO15969	Papillomavirus mod
C 586	11.4	0.2	15	1	AAO15973	Papillomavirus mod
C 587	11.4	0.2	15	1	AAO15974	Papillomavirus mod
C 588	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 589	11.4	0.2	15	1	AAO15972	Papillomavirus mod
C 590	11.4	0.2	15	1	AAO15972	Papillomavirus mod
C 591	11.4	0.2	15	1	AAO15968	Papillomavirus mod
C 592	11.4	0.2	15	1	AAO15976	Papillomavirus mod
C 593	11.4	0.2	15	1	AAO15976	Papillomavirus mod
C 594	11.4	0.2	15	1	AAO15976	Papillomavirus mod
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C 596	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 597	11.4	0.2	15	1	AAO15977	Papillomavirus mod
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C 618	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 619	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 620	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 621	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 622	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 623	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 624	11.4	0.2	15	1	AAO15977	Papillomavirus mod
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C 626	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 627	11.4	0.2	15	1	AAO15977	Papillomavirus mod
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C 629	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 630	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 631	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 632	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 633	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 634	11.4	0.2	15	1	AAO15977	Papillomavirus mod
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C 636	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 637	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 638	11.4	0.2	15	1	AAO15977	Papillomavirus mod
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C 640	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 641	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 642	11.4	0.2	15	1	AAO15977	Papillomavirus mod
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C 646	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 647	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 648	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 649	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 650	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 651	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 652	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 653	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 654	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 655	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 656	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 657	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 658	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 659	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 660	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 661	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 662	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 663	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 664	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 665	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 666	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 667	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 668	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 669	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 670	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 671	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 672	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 673	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 674	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 675	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 676	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 677	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 678	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 679	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 680	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 681	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 682	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 683	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 684	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 685	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 686	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 687	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 688	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 689	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 690	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 691	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 692	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 693	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 694	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 695	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 696	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 697	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 698	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 699	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 700	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 701	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 702	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 703	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 704	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 705	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 706	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 707	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 708	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 709	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 710	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 711	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 712	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 713	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 714	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 715	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 716	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 717	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 718	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 719	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 720	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 721	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 722	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 723	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 724	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 725	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 726	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 727	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 728	11.4	0.2	15	1	AAO15977	Papillomavirus mod
C 729	11.4	0.2	15	1	AAO15977	Pap

C	399	11.8	0.2	15	1	AAP53632	IGF-1 oligonucleot
C	400	11.8	0.2	15	1	AAP4987	IGFBP3 oligonucleo
C	401	11.8	0.2	15	1	AAP52290	IGF-I oligonucleot
C	402	11.8	0.2	15	1	AAP50542	IGF-I oligonucleot
C	403	11.8	0.2	15	1	AAP50839	IGF-I oligonucleot
C	404	11.8	0.2	15	1	AAP50836	IGF-I oligonucleot
C	405	11.8	0.2	15	1	AAP53631	IGF-I oligonucleot
C	406	11.8	0.2	15	1	AAP49121	IGF-I oligonucleot
C	407	11.8	0.2	15	1	AAP52136	IGF-I oligonucleot
C	408	11.8	0.2	15	1	AAP52136	IGF-I oligonucleot
C	409	11.8	0.2	15	1	AAP57405	IGFBP3 oligonucleo
C	410	11.8	0.2	15	1	AAP50837	IGF-I oligonucleot
C	411	11.8	0.2	15	1	AAP53635	IGF-I oligonucleot
C	412	11.8	0.2	15	1	AAP59699	Human TNFRSF11B ge
C	413	11.8	0.2	15	1	ABX03881	F. nucleatum 16S r
C	414	11.8	0.2	15	1	AAE73827	Human SUC6A4 allel
C	415	11.8	0.2	15	1	ABK12166	Human Tachykinin R
C	416	11.8	0.2	15	1	ABV72564	Consensus sequence
C	417	11.6	0.2	15	1	AD081041	Cow prion protein
C	418	11.6	0.2	13	1	ABR34411	Oligonucleotide SE
C	419	11.6	0.2	13	1	ABH24411	Oligonucleotide SE
C	420	11.6	0.2	13	1	ABH24410	Oligonucleotide SE
C	421	11.4	0.2	13	1	ABR33430	Oligonucleotide SE
C	422	11.4	0.2	13	1	AAV11097	Human ribozyme tar
C	423	11.4	0.2	13	1	AAC85841	Consensus translat
C	424	11.4	0.2	13	1	ABC22089	Oligonucleotide SE
C	425	11.4	0.2	13	1	ABC09203	Oligonucleotide SE
C	426	11.4	0.2	13	1	ABC84204	Oligonucleotide SE
C	427	11.4	0.2	13	1	ABC78998	Oligonucleotide SE
C	428	11.4	0.2	13	1	ABC09202	Oligonucleotide SE
C	429	11.4	0.2	13	1	ABF63776	Oligonucleotide SE
C	430	11.4	0.2	13	1	ABH62772	Oligonucleotide SE
C	431	11.4	0.2	13	1	ABC92901	Oligonucleotide SE
C	432	11.4	0.2	13	1	ABC20648	Oligonucleotide SE
C	433	11.4	0.2	13	1	ABC75630	Oligonucleotide SE
C	434	11.4	0.2	13	1	ABC75631	Oligonucleotide SE
C	435	11.4	0.2	13	1	ABC84205	Oligonucleotide SE
C	436	11.4	0.2	13	1	ABR31796	Oligonucleotide SE
C	437	11.4	0.2	13	1	ABR39371	Oligonucleotide SE
C	438	11.4	0.2	13	1	ABR99419	Oligonucleotide SE
C	439	11.4	0.2	13	1	ABH40717	Oligonucleotide SE
C	440	11.4	0.2	13	1	ABC22088	Oligonucleotide SE
C	441	11.4	0.2	13	1	ABC06060	Oligonucleotide SE
C	442	11.4	0.2	13	1	ABC55652	Oligonucleotide SE
C	443	11.4	0.2	13	1	ABR92995	Oligonucleotide SE
C	444	11.4	0.2	13	1	ABH21122	Oligonucleotide SE
C	445	11.4	0.2	13	1	ABR47023	Oligonucleotide SE
C	446	11.4	0.2	13	1	ABH64141	Oligonucleotide SE
C	447	11.4	0.2	13	1	ABH65196	Oligonucleotide SE
C	448	11.4	0.2	13	1	ABC35068	Oligonucleotide SE
C	449	11.4	0.2	13	1	ABH01372	Oligonucleotide SE
C	450	11.4	0.2	13	1	ABF76677	Oligonucleotide SE
C	451	11.4	0.2	13	1	ABR52447	Oligonucleotide SE
C	452	11.4	0.2	13	1	ABH29162	Oligonucleotide SE
C	453	11.4	0.2	13	1	ABC20649	Oligonucleotide SE
C	454	11.4	0.2	13	1	ABR44475	Oligonucleotide SE
C	455	11.4	0.2	13	1	ABH21123	Oligonucleotide SE
C	456	11.4	0.2	13	1	ABR47022	Oligonucleotide SE
C	457	11.4	0.2	13	1	ABR52446	Oligonucleotide SE
C	458	11.4	0.2	13	1	ABH40716	Oligonucleotide SE
C	459	11.4	0.2	13	1	ABH58627	Oligonucleotide SE
C	460	11.4	0.2	13	1	ABH64140	Oligonucleotide SE
C	461	11.4	0.2	13	1	ABC50178	Oligonucleotide SE
C	462	11.4	0.2	13	1	ABC75583	Oligonucleotide SE
C	463	11.4	0.2	13	1	ABF08148	Oligonucleotide SE
C	464	11.4	0.2	13	1	ABF08149	Oligonucleotide SE
C	465	11.4	0.2	13	1	ABC37566	Oligonucleotide SE
C	466	11.4	0.2	13	1	ABF22617	Oligonucleotide SE
C	467	11.4	0.2	13	1	ABF92937	Oligonucleotide SE
C	468	11.4	0.2	13	1	ABH24305	Oligonucleotide SE
C	470	11.4	0.2	13	1	ABH34644	Oligonucleotide SE
C	471	11.4	0.2	13	1	ABC75582	Oligonucleotide SE
C	472	11.4	0.2	13	1	ABCS5354	Oligonucleotide SE
C	473	11.4	0.2	13	1	ABC06061	Oligonucleotide SE
C	474	11.4	0.2	13	1	ABF12440	Oligonucleotide SE
C	475	11.4	0.2	13	1	ABF61777	Oligonucleotide SE
C	476	11.4	0.2	13	1	ABH43729	Oligonucleotide SE
C	477	11.4	0.2	13	1	ABF00547	Oligonucleotide SE
C	478	11.4	0.2	13	1	ABCS5563	Oligonucleotide SE
C	479	11.4	0.2	13	1	ABCS5565	Oligonucleotide SE
C	480	11.4	0.2	13	1	ABC33821	Oligonucleotide SE
C	481	11.4	0.2	13	1	ABF44472	Oligonucleotide SE
C	482	11.4	0.2	13	1	ABH01373	Oligonucleotide SE
C	483	11.4	0.2	13	1	ABH38635	Oligonucleotide SE
C	484	11.4	0.2	13	1	ABCS6743	Oligonucleotide SE
C	485	11.4	0.2	13	1	ABC20929	Oligonucleotide SE
C	486	11.4	0.2	13	1	ABC47607	Oligonucleotide SE
C	487	11.4	0.2	13	1	ABF00460	Oligonucleotide SE
C	488	11.4	0.2	13	1	ABF12441	Oligonucleotide SE
C	489	11.4	0.2	13	1	ABR37667	Oligonucleotide SE
C	490	11.4	0.2	13	1	ABR93321	Oligonucleotide SE
C	491	11.4	0.2	13	1	ABR99418	Oligonucleotide SE
C	492	11.4	0.2	13	1	ABH34645	Oligonucleotide SE
C	493	11.4	0.2	13	1	ABH58626	Oligonucleotide SE
C	494	11.4	0.2	13	1	ABH45745	Oligonucleotide SE
C	495	11.4	0.2	13	1	ABC20928	Oligonucleotide SE
C	496	11.4	0.2	13	1	ABF77744	Oligonucleotide SE
C	497	11.4	0.2	13	1	ABR92994	Oligonucleotide SE
C	498	11.4	0.2	13	1	ABH29163	Oligonucleotide SE
C	499	11.4	0.2	13	1	ABH08913	Oligonucleotide SE
C	500	11.4	0.2	13	1	ABH38634	Oligonucleotide SE
C	501	11.4	0.2	13	1	ABH47606	Oligonucleotide SE
C	502	11.4	0.2	13	1	ABF00461	Oligonucleotide SE
C	503	11.4	0.2	13	1	ABF00546	Oligonucleotide SE
C	504	11.4	0.2	13	1	ABC33820	Oligonucleotide SE
C	505	11.4	0.2	13	1	ABR31797	Oligonucleotide SE
C	506	11.4	0.2	13	1	ABF44474	Oligonucleotide SE
C	507	11.4	0.2	13	1	ABH14746	Oligonucleotide SE
C	508	11.4	0.2	13	1	ABH65142	Oligonucleotide SE
C	509	11.4	0.2	13	1	ABH43728	Oligonucleotide SE
C	510	11.4	0.2	13	1	ABH62773	Oligonucleotide SE
C	511	11.4	0.2	13	1	ABC50179	Oligonucleotide SE
C	512	11.4	0.2	13	1	ABH14749	Oligonucleotide SE
C	513	11.4	0.2	13	1	ABC45744	Oligonucleotide SE
C	514	11.4	0.2	13	1	ABC35069	Oligonucleotide SE
C	515	11.4	0.2	13	1	ABF39370	Oligonucleotide SE
C	516	11.4	0.2	13	1	ABF76676	Oligonucleotide SE
C	517	11.4	0.2	13	1	ABH65197	Oligonucleotide SE
C	518	11.4	0.2	13	1	ABF77745	Oligonucleotide SE
C	519	11.4	0.2	13	1	ABCS5355	Oligonucleotide SE
C	520	11.4	0.2	13	1	ABR92996	Oligonucleotide SE
C	521	11.4	0.2	13	1	ABH08912	Oligonucleotide SE
C	522	11.4	0.2	13	1	ABC92900	Oligonucleotide SE
C	523	11.4	0.2	13	1	ABC78699	Oligonucleotide SE
C	524	11.4	0.2	13	1	ABF93320	Oligonucleotide SE
C	525	11.4	0.2	13	1	ABF46224	Oligonucleotide SE
C	526	11.4	0.2	13	1	ABD59502	HIV-1 INVAADER assea
C	527	11.4	0.2	13	1	AAAT17625	Aspergillus oryzae
C	528	11.4	0.2	14	1	AAAT79416	Invasive detection
C	529	11.4	0.2	14	1	AAV11052	TGF-beta gene phos
C	530	11.4	0.2	14	1	AAAT79148	Human ribozyme tar
C	531	11.4	0.2	14	1	AAV48615	Human VEGF cDNA an
C	532	11.4	0.2	14	1	AAV57062	junc gene antisens
C	533	11.4	0.2	14	1	AAZ59021	Human Notch3 gene
C	534	11.4	0.2	14	1	AAZ64788	Triple helix formi
C	535	11.4	0.2	14	1	AAZ66129	Substrate for hair
C	536	11.4	0.2	14	1	AAZ21101	Oestrogen receptor
C	537	11.4	0.2	14	1	AAZ21102	Oligonucleotide co
C	538	11.4	0.2	14	1	ABX01625	Oligonucleotide us
C	539	11.4	0.2	14	1	ABE61664	Hepatitis C virus
C	540	11.4	0.2	14	1	AAAL51214	Yak milk protein g
C	541	11.4	0.2	14	1	ADN41976	Adenovirus cap pro
C	542	11.4	0.2	14	1	ADN41978	Nucleotide sequenc
C	543	11.4	0.2	14	1	ADN41975	Sequence targeting
C	544	11.4	0.2	15	1	ADN023407	12-mer homopurine

C 253	12.8	0.2	17	1	ABN07685	Human GDM/P-1 17-m	326	12.4	0.2	15	1	AA31192	Tag sequence of a
C 254	12.8	0.2	17	1	ABN08431	Human GDM/P-1 17-m	327	12.4	0.2	15	1	AA31710	Transcript tag seq
C 255	12.8	0.2	17	1	ABN10121	Human GDM/P-1 17-m	328	12.4	0.2	15	1	AA32553	Arabidopsis tag seq
C 256	12.8	0.2	17	1	ABN07637	Human GDM/P-1 17-m	329	12.4	0.2	15	1	AA64955	Mouse histone H2B
C 257	12.8	0.2	17	1	ABN07684	Human GDM/P-1 17-m	330	12.4	0.2	15	1	AA660128	Human APC gene var
C 258	12.8	0.2	17	1	ABN01166	Human GDM/P-1 17-m	331	12.4	0.2	15	1	AA353634	IGF-I oligonucleot
C 259	12.8	0.2	17	1	ABN02460	Human GDM/P-1 17-m	332	12.4	0.2	15	1	AA353633	IGF-I oligonucleot
C 260	12.8	0.2	17	1	ABN07780	Human GDM/P-1 17-m	333	12.4	0.2	15	1	AA376909	DNA fragment, Syn
C 261	12.8	0.2	17	1	ABN09700	Human GDM/P-1 17-m	334	12.4	0.2	15	1	AA379511	Human IGF gene po
C 262	12.8	0.2	17	1	ABN07782	Human GDM/P-1 17-m	335	12.4	0.2	15	1	AA172774	Oligo #6 for cloni
C 263	12.8	0.2	17	1	ABN10122	Human GDM/P-1 17-m	336	12.4	0.2	15	1	ABK32146	Human colon cancer
C 264	12.8	0.2	17	1	ABN01167	Human GDM/P-1 17-m	337	12.4	0.2	15	1	ABK76572	Human colorectal a
C 265	12.8	0.2	17	1	ABN02463	Human GDM/P-1 17-m	338	12.4	0.2	15	1	ABK76572	M. avium 16S rRNA
C 266	12.8	0.2	17	1	ABN07536	Human GDM/P-1 17-m	339	12.4	0.2	15	1	AD34009	Human papillomavir
C 267	12.8	0.2	17	1	ABN063767	Human GDM/P-1 17-m	340	12.4	0.2	15	1	AA297885	HPV 59 detecting p
C 268	12.8	0.2	17	1	ABN063764	Human K10M1a port1	341	12.4	0.2	16	1	ABJ31194	HIV-1 protease gen
C 269	12.8	0.2	17	1	ABN063765	Human K10M1a port1	342	12.4	0.2	16	1	AD34009	Human HLA genotypi
C 270	12.8	0.2	17	1	ABN063765	Human K10M1a port1	343	12.4	0.2	16	1	AD34009	PCR primer Seq ID3
C 271	12.8	0.2	17	1	ABN063765	Human K10M1a port1	344	12.4	0.2	16	1	AD34009	Human apolipoprotei
C 272	12.8	0.2	17	1	ABN19430	Human ERG Ambergzym	345	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 273	12.8	0.2	17	1	ABK17417	Human ERG Ambergzym	346	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 274	12.8	0.2	17	1	ABV90092	Human POSHL1 scan	347	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 275	12.8	0.2	17	1	ABV90092	Human POSHL1 scan	348	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 276	12.8	0.2	17	1	AA319261	Human POSHL1 scan	349	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 277	12.8	0.2	17	1	ACN10465	Human POSHL1 scan	350	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 278	12.8	0.2	17	1	ACN10807	Human POSHL1 scan	351	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 279	12.8	0.2	17	1	ACN14992	Human POSHL1 scan	352	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 280	12.8	0.2	17	1	ACN14377	Human POSHL1 scan	353	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 281	12.8	0.2	17	1	ACN07170	Human POSHL1 scan	354	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 282	12.8	0.2	17	1	ACN07622	Human POSHL1 scan	355	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 283	12.8	0.2	17	1	ACN06696	Human POSHL1 scan	356	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 284	12.8	0.2	17	1	ACN08143	Human POSHL1 scan	357	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 285	12.8	0.2	17	1	ACN03095	Human POSHL1 scan	358	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 286	12.8	0.2	17	1	ACN05378	Human POSHL1 scan	359	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 287	12.8	0.2	17	1	ACN06695	Human POSHL1 scan	360	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 288	12.8	0.2	17	1	ACN08394	Human POSHL1 scan	361	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 289	12.8	0.2	17	1	ACN09846	Human POSHL1 scan	362	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 290	12.8	0.2	17	1	ACN09852	Human POSHL1 scan	363	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 291	12.8	0.2	17	1	ABT35656	Human POSHL1 scan	364	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 292	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	365	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 293	12.8	0.2	17	1	ABT35173	Human POSHL1 scan	366	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 294	12.8	0.2	17	1	ABT35337	Human POSHL1 scan	367	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 295	12.8	0.2	17	1	ABT38758	Human POSHL1 scan	368	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 296	12.8	0.2	17	1	ACA06465	Human POSHL1 scan	369	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 297	12.8	0.2	17	1	ACA06465	Human POSHL1 scan	370	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 298	12.8	0.2	17	1	ACA06466	Human POSHL1 scan	371	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 299	12.8	0.2	17	1	ADB40647	Human POSHL1 scan	372	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 300	12.8	0.2	17	1	ADCC04246	Human POSHL1 scan	373	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 301	12.8	0.2	17	1	ADCC04252	Human POSHL1 scan	374	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 302	12.8	0.2	17	1	ADCC04253	Human POSHL1 scan	375	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 303	12.8	0.2	17	1	ADCC04248	Human POSHL1 scan	376	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 304	12.8	0.2	17	1	ADB45030	Human POSHL1 scan	377	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 305	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	378	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 306	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	379	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 307	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	380	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 308	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	381	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 309	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	382	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 310	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	383	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 311	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	384	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 312	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	385	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 313	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	386	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 314	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	387	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 315	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	388	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 316	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	389	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 317	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	390	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 318	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	391	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 319	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	392	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 320	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	393	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 321	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	394	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 322	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	395	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 323	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	396	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 324	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	397	12.2	0.2	12	1	ABH80898	Oligonucleotide pr
C 325	12.8	0.2	17	1	ADCC06477	Human POSHL1 scan	398	12.2	0.2	12	1	ABH80898	Oligonucleotide pr

107	15	0.2	15	1	AAT37730	Apo(a) mRNA (nt. p
108	15	0.2	15	1	AAT37556	Apo(a) mRNA (nt. p
109	15	0.2	15	1	AAT37566	Apo(a) mRNA (nt. p
110	15	0.2	15	1	AAT37751	Apo(a) mRNA (nt. p
111	15	0.2	15	1	AAT37570	Apo(a) mRNA (nt. p
112	15	0.2	15	1	AAV15098	Human apolipoprote
113	15	0.2	17	1	ABT40093	Tumour suppression
114	15	0.2	17	1	ADB45751	Tumour suppression
115	15	0.2	17	1	AIT50461	Human tumour supp
116	14.8	0.2	19	1	AAQ39592	Mycobacterium gord
117	14.8	0.2	19	1	AAQ39590	Mycobacterium gord
118	14.8	0.2	19	1	AAQ39590	Mycobacterium gord
119	14.8	0.2	19	1	AAQ39587	Mycobacterium gord
120	14.8	0.2	19	1	ABT53411	Haemagglutination
121	14.8	0.2	19	1	ADN34436	Lower strand of cy
122	14.8	0.2	19	1	ADN34197	Upper strand of cy
123	14.4	0.2	17	1	AAAZ5065	Oestrogen receptor
124	14.4	0.2	17	1	ACA99849	G-protein coupled
125	14.4	0.2	17	1	ACA99848	G-protein coupled
126	14.4	0.2	17	1	ABZ64673	Human HER2 DNAzyme
127	14.4	0.2	17	1	ADB39822	Tumour suppression
128	14.4	0.2	17	1	ADL48869	Human IKK-gamma su
129	14.4	0.2	17	1	ADL48143	Human IKK-gamma su
130	14.4	0.2	17	1	AAA40802	Forward PCR primer
131	14.4	0.2	18	1	AAZ5584	Human hscd5 cDNA a
132	14.4	0.2	18	1	ABT06163	Human light chain
133	14.4	0.2	18	1	ACD05030	Tumour necrosis fa
134	14.4	0.2	19	1	ADPF71306	Protein tyrosine p
135	14.4	0.2	19	1	ADPF71232	Human tyrosine p
136	14.4	0.2	19	1	ADG34746	Human TNF siRNA oli
137	14.4	0.2	19	1	ADG34658	Human TNF siRNA oli
138	14.4	0.2	19	1	ADG09449	TNF-alpha targeted
139	14.4	0.2	19	1	ADG27987	sIPAK1-0 targeted
140	14	0.2	15	1	AAT37582	Apo(a) mRNA (nt. p
141	14	0.2	15	1	AAT37757	Apo(a) mRNA (nt. p
142	14	0.2	15	1	AAT37598	Apo(a) mRNA (nt. p
143	14	0.2	15	1	AAA60130	Human APC gene var
144	14	0.2	17	1	ABA78841	APC mutation corre
145	14	0.2	17	1	ABA78842	Drug-colerant gene
146	14	0.2	18	1	ADK71405	Human EGF-R target
147	13.8	0.2	17	1	AAV97376	Human GDMPLP-1 17-m
148	13.8	0.2	17	1	ABN02462	Human GDMPLP-1 17-m
149	13.8	0.2	17	1	ABN07781	Human GDMPLP-1 17-m
150	13.8	0.2	17	1	ABN02461	Human GDMPLP-1 17-m
151	13.8	0.2	17	1	AAZ48306	Human ribozyme cle
152	13.8	0.2	17	1	ACN10466	KNV minus strand 1
153	13.8	0.2	17	1	ACA99847	G-protein coupled
154	13.8	0.2	17	1	ACA99851	G-protein coupled
155	13.8	0.2	17	1	ACA99850	G-protein coupled
156	13.8	0.2	17	1	ADB42737	Tumour suppression
157	13.8	0.2	17	1	ADC04247	Human Na/H exchange
158	13.8	0.2	17	1	ADD69470	3' anchored (TISR)
159	13.8	0.2	17	1	ADL47944	Human IKK-gamma su
160	13.8	0.2	17	1	ADL48360	Human IKK-gamma su
161	13.8	0.2	18	1	AAZ56074	phospholipase A2 g
162	13.8	0.2	18	1	ADP77875	Human EST clone an
163	13.6	0.2	24	1	ADG33415	FMV/TMRA-labeled
164	13.4	0.2	15	1	AAT37574	Apo(a) mRNA (nt. p
165	13.4	0.2	15	1	AAT37749	Apo(a) mRNA (nt. p
166	13.4	0.2	15	1	AAT37710	Apo(a) mRNA (nt. p
167	13.4	0.2	15	1	AAT37584	Apo(a) mRNA (nt. p
168	13.4	0.2	15	1	AAT37628	Apo(a) mRNA (nt. p
169	13.4	0.2	15	1	AAT37762	Apo(a) mRNA (nt. p
170	13.4	0.2	15	1	AAT37579	Apo(a) mRNA (nt. p
171	13.4	0.2	15	1	AAT37578	Apo(a) mRNA (nt. p
172	13.4	0.2	15	1	AAT37580	Apo(a) mRNA (nt. p
173	13.4	0.2	15	1	AAT37733	Apo(a) mRNA (nt. p
174	13.4	0.2	15	1	AAT37712	Apo(a) mRNA (nt. p
175	13.4	0.2	15	1	AAT37760	Apo(a) mRNA (nt. p
176	13.4	0.2	15	1	AAT37573	Apo(a) mRNA (nt. p
177	13.4	0.2	15	1	AAT37605	Apo(a) mRNA (nt. p
178	13.4	0.2	15	1	AAT37740	Apo(a) mRNA (nt. p
179	13.4	0.2	15	1	AAT37764	Apo(a) mRNA (nt. p
180	13.4	0.2	15	1	AAT37714	Apo(a) mRNA (nt. p
181	13.4	0.2	15	1	AAT37736	Apo(a) mRNA (nt. p
182	13.4	0.2	15	1	AAT37608	Apo(a) mRNA (nt. p
183	13.4	0.2	15	1	AAT37589	Apo(a) mRNA (nt. p
184	13.4	0.2	15	1	AAT37728	Apo(a) mRNA (nt. p
185	13.4	0.2	15	1	AAT37759	Apo(a) mRNA (nt. p
186	13.4	0.2	15	1	AAT37586	Apo(a) mRNA (nt. p
187	13.4	0.2	15	1	AAT37717	Apo(a) mRNA (nt. p
188	13.4	0.2	15	1	AAT37729	Apo(a) mRNA (nt. p
189	13.4	0.2	15	1	AAT37734	Apo(a) mRNA (nt. p
190	13.4	0.2	15	1	AAT37758	Apo(a) mRNA (nt. p
191	13.4	0.2	15	1	AAT37719	Apo(a) mRNA (nt. p
192	13.4	0.2	15	1	AAT37731	Apo(a) mRNA (nt. p
193	13.4	0.2	15	1	AAT37766	Apo(a) mRNA (nt. p
194	13.4	0.2	15	1	AAT37576	Apo(a) mRNA (nt. p
195	13.4	0.2	17	1	AAZ60234	Human HPC2 cDNA se
196	13.4	0.2	17	1	ABR03774	Human CD20 Ambery
197	13.4	0.2	17	1	ABR03774	Human prostate can
198	13.4	0.2	17	1	ABR03774	Tumour suppression
199	13.4	0.2	17	1	ABR03774	Human HER2 DNAzyme
200	13.4	0.2	17	1	ABR03774	Murine oligonucleo
201	13.4	0.2	17	1	ABR03774	PCR primer MSIR re
202	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
203	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
204	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
205	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
206	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
207	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
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212	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
213	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
214	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
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232	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
233	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
234	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
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238	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
239	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
240	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
241	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
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243	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
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247	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
248	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
249	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
250	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
251	13.4	0.2	17	1	ABR03774	Human IKK-gamma su
252	13.4	0.2	17	1	ABR03774	Human IKK-gamma su

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OM nucleic - nucleic search, using sw model

Run on: October 26, 2004, 16:13:19 ; Search time 50 seconds

(without alignments)
3.538 Million cell updates/sec

Title: US-09-923-515-3

Perfect score: 7200

Sequence: 1 ctggagattgggacacattt.....actgacactgacgcatgc 7200

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 805 seqs, 12283 residues

Total number of hits satisfying chosen parameters: 1610

Minimum DB seq length: 12

Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 815 summaries

Database : rng3.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	30	0.4	30	1	AAT58420 Apolipoprotein A g
2	30	0.4	30	1	AAT58419 Apolipoprotein A g
3	30	0.4	30	1	AAV82531 Probe Apoema-2 use
4	30	0.4	30	1	AAV82530 Probe Apoema-1 use
5	26	0.4	26	1	AAV89305 Primer used in RT-PCR primer 1 used
6	25	0.3	25	1	AD033413 Human angiotensin
7	24	0.3	24	1	AA250401 FAV/TAMRA-labelled
8	24	0.3	24	1	AD033415 PCR primer used in
9	23.8	0.3	27	1	AAV35370 Human tumour vascu
10	23	0.3	23	1	AAV35370 PCR primer used in
11	22	0.3	22	1	AAH79116 Reproductive recom
12	22	0.3	22	1	AAH79116 Human angiotensin
13	20.2	0.3	26	1	AAH79105 Anticancer gene-as
14	20.2	0.3	26	1	ABG76080 Reproductive recom
15	20.2	0.3	26	1	AAH44001 Primer krif used i
16	20	0.3	20	1	AAH89308 Human apolipoprotei
17	20	0.3	20	1	ACC47289 Human apolipoprotei
18	20	0.3	20	1	ACC47295 Human apolipoprotei
19	20	0.3	20	1	ACC47298 Human apolipoprotei
20	20	0.3	20	1	ACC47287 Human apolipoprotei
21	20	0.3	20	1	ACC47299 Human apolipoprotei
22	20	0.3	20	1	ACC47291 Human apolipoprotei
23	20	0.3	20	1	ACC47293 Human apolipoprotei
24	20	0.3	20	1	ACC47296 Human apolipoprotei
25	20	0.3	20	1	ACC47292 Human apolipoprotei
26	20	0.3	20	1	ACC47286 Human apolipoprotei
27	20	0.3	20	1	ACC47284 Human apolipoprotei
28	20	0.3	20	1	ACC47290 Human apolipoprotei
29	20	0.3	20	1	ACC47294 Human apolipoprotei
30	20	0.3	20	1	ACC47297 Human apolipoprotei
31	20	0.3	20	1	ACC47285 Human apolipoprotei
32	20	0.3	20	1	ACC47288 Human apolipoprotei
33	19	0.3	19	1	AAQ70749 Primer for product

C	34	19	0.3	19	1	AAH89307	Primer krif used
C	35	18.4	0.3	20	1	ACC47300	Human apolipoprotein
C	36	18.4	0.3	20	1	ACC47301	Human apolipoprotein
C	37	18.4	0.3	20	1	ACC47304	Human apolipoprotein
C	38	18	0.2	18	1	AD033414	PCR primer 2 used
C	39	17.4	0.2	17	1	ACC47309	Human apolipoprotein
C	40	17	0.2	17	1	AAV15097	Human apolipoprotein
C	41	16.8	0.2	21	1	ABV898154	Human multiliprotein
C	42	16.4	0.2	18	1	AAV93192	Primer for kringlin
C	43	16.4	0.2	18	1	AAV52282	Human plasminogen
C	44	16.4	0.2	19	1	ADK33663	Human plasminogen
C	45	16.4	0.2	19	1	AAQ39588	Mycobacterium gort
C	46	16.4	0.2	19	1	AAQ39594	Mycobacterium gort
C	47	16.4	0.2	19	1	AAQ39595	Mycobacterium gort
C	48	16.4	0.2	19	1	AAQ39593	Mycobacterium gort
C	49	15.8	0.2	20	1	ACC80563	Plutiprotein stem
C	50	15.8	0.2	20	1	ADK65736	Human vwf cDNA PCR
C	51	15.8	0.2	20	1	AD128399	Human neuroleptid
C	52	15.8	0.2	21	1	AAV76017	Human biallelic mac
C	53	15.8	0.2	21	1	AAH62205	Per tyrosine kinase
C	54	15.8	0.2	21	1	ABK41507	Human CTNNA3 gene
C	55	15.4	0.2	19	1	AAV14648	Human matrix meta
C	56	15.4	0.2	20	1	ABX17704	Human urokinase p
C	57	15.4	0.2	20	1	AD022862	Human interleukin
C	58	15.4	0.2	20	1	AD022785	Human interleukin
C	59	15.2	0.2	20	1	AAV51877	Zea mays genome re
C	60	15.2	0.2	20	1	AAV58789	Human dunn24E+2A u
C	61	15.2	0.2	20	1	AAV73070	Human dactx inhibit
C	62	15.2	0.2	20	1	AAV67699	Oligonucleotide #
C	63	15.2	0.2	20	1	AAH80279	Oligonucleotide hy
C	64	15.2	0.2	20	1	AAH80798	Oligonucleotide hy
C	65	15.2	0.2	20	1	ABA82239	Zmaxi gene region
C	66	15.2	0.2	20	1	AAV17642	Human G protein-co
C	67	15.2	0.2	20	1	ABX23036	Human Zmaxi cDNA r
C	68	15.2	0.2	20	1	ACC47310	Human apolipoprotein
C	69	15.2	0.2	20	1	ACC45619	Human apolipoprotein
C	70	15.2	0.2	20	1	ABZ23255	Human HBM STS mark
C	71	15.2	0.2	20	1	AAV48521	PCR primer specific
C	72	15.2	0.2	20	1	ADK988317	Chicken lysozyme g
C	73	15.2	0.2	20	1	ADK81170	Sequence tagged s
C	74	15.2	0.2	20	1	ADK81689	HIV PRT antisense
C	75	15.2	0.2	20	1	ADK78427	Human perlipin tr
C	76	15.2	0.2	20	1	ADK78345	Human perlipin tr
C	77	15.2	0.2	20	1	ADK17774	PCR primer used to
C	78	15.2	0.2	20	1	ADK74426	Chimeric phosphor
C	79	15.2	0.2	20	1	ADK75026	Chimeric phosphor
C	80	15.2	0.2	20	1	ADK75027	Chimeric phosphor
C	81	15	0.2	15	1	AAV37560	Human perlipin tr
C	82	15	0.2	15	1	AAV37568	Apo(a) mRNA (nt. 1
C	83	15	0.2	15	1	AAV37572	Apo(a) mRNA (nt. 1
C	84	15	0.2	15	1	AAV37716	Apo(a) mRNA (nt. 1
C	85	15	0.2	15	1	AAV37728	Apo(a) mRNA (nt. 1
C	86	15	0.2	15	1	AAV37772	Apo(a) mRNA (nt. 1
C	87	15	0.2	15	1	AAV37756	Apo(a) mRNA (nt. 1
C	88	15	0.2	15	1	AAV37564	Apo(a) mRNA (nt. 1
C	89	15	0.2	15	1	AAV37726	Apo(a) mRNA (nt. 1
C	90	15	0.2	15	1	AAV37753	Apo(a) mRNA (nt. 1
C	91	15	0.2	15	1	AAV37776	Apo(a) mRNA (nt. 1
C	92	15	0.2	15	1	AAV37778	Apo(a) mRNA (nt. 1
C	93	15	0.2	15	1	AAV37782	Apo(a) mRNA (nt. 1
C	94	15	0.2	15	1	AAV37784	Apo(a) mRNA (nt. 1
C	95	15	0.2	15	1	AAV37720	Apo(a) mRNA (nt. 1
C	96	15	0.2	15	1	AAV37768	Apo(a) mRNA (nt. 1
C	97	15	0.2	15	1	AAV37558	Apo(a) mRNA (nt. 1
C	98	15	0.2	15	1	AAV37718	Apo(a) mRNA (nt. 1
C	99	15	0.2	15	1	AAV37724	Apo(a) mRNA (nt. 1
C	100	15	0.2	15	1	AAV37770	Apo(a) mRNA (nt. 1
C	101	15	0.2	15	1	AAV37554	Apo(a) mRNA (nt. 1
C	102	15	0.2	15	1	AAV37780	Apo(a) mRNA (nt. 1
C	103	15	0.2	15	1	AAV37732	Apo(a) mRNA (nt. 1
C	104	15	0.2	15	1	AAV37552	Apo(a) mRNA (nt. 1
C	105	15	0.2	15	1	AAV37562	Apo(a) mRNA (nt. 1
C	106	15	0.2	15	1	AAV37722	Apo(a) mRNA (nt. 1

C 399	11.4	0.2	15	1	138652	ACCESSION:138652
C 400	11.4	0.2	15	1	138666	ACCESSION:138666
C 401	11.4	0.2	15	1	140402	ACCESSION:140402
C 402	11.4	0.2	15	1	144778	ACCESSION:144778
C 403	11.4	0.2	15	1	157651	ACCESSION:157651
C 404	11.4	0.2	15	1	157709	ACCESSION:157709
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C 406	11.4	0.2	15	1	163133	ACCESSION:163133
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C 408	11.4	0.2	15	1	166640	ACCESSION:166640
C 409	11.4	0.2	15	1	184256	ACCESSION:184256
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C 411	11.4	0.2	15	1	AR182826	ACCESSION:AR182826
C 412	11.4	0.2	15	1	AR212295	ACCESSION:AR212295
C 413	11.4	0.2	15	1	AR212298	ACCESSION:AR212298
C 414	11.4	0.2	15	1	AR242023	ACCESSION:AR242023
C 415	11.4	0.2	15	1	AR242024	ACCESSION:AR242024
C 416	11.4	0.2	15	1	AR270973	ACCESSION:AR270973
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C 418	11.4	0.2	15	1	AR349204	ACCESSION:AR349204
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C 428	11.4	0.2	15	1	AX463285	ACCESSION:AX463285
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C 430	11.4	0.2	15	1	AX492919	ACCESSION:AX492919
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C 434	11.4	0.2	15	1	BD014073	ACCESSION:BD014073
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C 436	11.4	0.2	15	1	BD065744	ACCESSION:BD065744
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C 442	11.4	0.2	15	1	AX139231	ACCESSION:AX139231
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C 444	11.2	0.2	16	1	A07188	ACCESSION:A07188
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C 446	11.2	0.2	16	1	165474	ACCESSION:165474
C 447	11.2	0.2	16	1	171091	ACCESSION:171091
C 448	11.2	0.2	16	1	BD013873	ACCESSION:BD013873
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C 452	11.2	0.2	16	1	BD065428	ACCESSION:BD065428
C 453	11.2	0.2	16	1	BD000643	ACCESSION:BD000643
C 454	11.2	0.2	16	1	BD017683	ACCESSION:BD017683
C 455	11.2	0.2	16	1	BD017688	ACCESSION:BD017688
C 456	11.2	0.2	16	1	AX353508	ACCESSION:AX353508
C 457	11.2	0.2	16	1	A40526	ACCESSION:A40526
C 458	10.8	0.2	14	1	A67803	ACCESSION:A67803
C 459	10.8	0.2	14	1	A88058	ACCESSION:A88058
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C 461	10.8	0.2	14	1	A89053	ACCESSION:A89053
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C 467	10.8	0.2	14	1	BD203602	ACCESSION:BD203602
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C 474	10.8	0.2	14	1	BD065571	ACCESSION:BD065571
C 475	10.8	0.1	14	1	BD065819	ACCESSION:BD065819
C 476	10.8	0.2	14	1	BD066566	ACCESSION:BD066566
C 477	10.8	0.2	14	1	BD069011	ACCESSION:BD069011
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C 480	10.4	0.1	12	1	BD232406	ACCESSION:BD232406
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C 482	10.4	0.1	12	1	C0766133	ACCESSION:C0766133
C 483	10.4	0.1	12	1	C0766279	ACCESSION:C0766279
C 484	10.4	0.1	12	1	C0766475	ACCESSION:C0766475
C 485	10.4	0.1	12	1	C0829053	ACCESSION:C0829053
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C 487	10.4	0.1	12	1	171434	ACCESSION:171434
C 488	10.4	0.1	12	1	AR235827	ACCESSION:AR235827
C 489	10.4	0.1	12	1	AX011023	ACCESSION:AX011023
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C 492	10.4	0.1	12	1	AX721931	ACCESSION:AX721931
C 493	10.4	0.1	13	1	AR019426	ACCESSION:AR019426
C 494	10.4	0.1	13	1	AR156382	ACCESSION:AR156382
C 495	10.4	0.1	13	1	BD235146	ACCESSION:BD235146
C 496	10.4	0.1	13	1	C0794371	ACCESSION:C0794371
C 497	10.4	0.1	13	1	AR310643	ACCESSION:AR310643
C 498	10.4	0.1	13	1	AX098817	ACCESSION:AX098817
C 499	10.4	0.1	13	1	AX098818	ACCESSION:AX098818
C 500	10.4	0.1	13	1	AX137018	ACCESSION:AX137018
C 501	10.4	0.1	13	1	AX337018	ACCESSION:AX337018
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C 504	10.4	0.1	13	1	BD086508	ACCESSION:BD086508
C 505	10.4	0.1	13	1	BD086527	ACCESSION:BD086527

ALIGNMENTS

RESULT 1
LOCUS AR063732 30 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 17 from patent US 5846720.
ACCESSION AR063732.1 GI:5993040
VERSION AR063732.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 30)
AUTHORS Foulkes,J.,Gordon., Liechtfried,F.B., Pieler,C., Stephenson,J.R. and Case,C.C.
TITLE Methods of determining chemicals that modulate expression of genes associated with cardiovascular disease
JOURNAL Patent: US 5846720-A 17 08-DEC-1998;
FEATURES
source location/Qualifiers
1..30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.87;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 80 TATTTCGAAATCAGACGACCTGAGCAA 109
Db 1 TATTTCGAAATCAGACGACCTGAGCAA 30

RESULT 2
LOCUS AR063733 30 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5846720.

C 253	12.8	0.2	17	1	AX736701	ACCESSION:AX736701	C 326	11.8	0.2	15	1	BD123242	ACCESSION:BD123242
C 254	12.8	0.2	17	1	AX738145	ACCESSION:AX738145	C 327	11.4	0.2	13	1	AR235781	ACCESSION:AR235781
C 255	12.8	0.2	17	1	AX738306	ACCESSION:AX738306	C 328	11.4	0.2	13	1	AX151058	ACCESSION:AX151058
C 256	12.8	0.2	17	1	AX738436	ACCESSION:AX738436	C 329	11.4	0.2	13	1	AX419854	ACCESSION:AX419854
C 257	12.8	0.2	17	1	AX744398	ACCESSION:AX744398	C 330	11.4	0.2	14	1	A06948	ACCESSION:A06948
C 258	12.8	0.2	17	1	AX744404	ACCESSION:AX744404	C 331	11.4	0.2	14	1	A21463	ACCESSION:A21463
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C 271	12.4	0.2	15	1	AR180697	ACCESSION:AR180697	C 344	11.4	0.2	14	1	AX323394	ACCESSION:AX323394
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C 274	12.4	0.2	15	1	AX119564	ACCESSION:AX119564	C 347	11.4	0.2	14	1	BD065700	ACCESSION:BD065700
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C 279	12.4	0.2	16	1	CG080615	ACCESSION:CG080615	C 352	11.4	0.2	15	1	AR024030	ACCESSION:AR024030
C 280	12.4	0.2	16	1	AR328298	ACCESSION:AR328298	C 353	11.4	0.2	15	1	AR029145	ACCESSION:AR029145
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C 294	12.4	0.2	15	1	AR052800	ACCESSION:AR052800	C 367	11.4	0.2	15	1	AR069062	ACCESSION:AR069062
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C 314	11.8	0.2	15	1	A16459	ACCESSION:A16459	C 387	11.4	0.2	15	1	BD207213	ACCESSION:BD207213
C 315	11.8	0.2	15	1	AR041366	ACCESSION:AR041366	C 388	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
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C 318	11.8	0.2	15	1	135087	ACCESSION:135087	C 391	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 319	11.8	0.2	15	1	135108	ACCESSION:135108	C 392	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 320	11.8	0.2	15	1	135241	ACCESSION:135241	C 393	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 321	11.8	0.2	15	1	AR479048	ACCESSION:AR479048	C 394	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 322	11.8	0.2	15	1	AX328777	ACCESSION:AX328777	C 395	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 323	11.8	0.2	15	1	AX586988	ACCESSION:AX586988	C 396	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 324	11.8	0.2	15	1	AX636791	ACCESSION:AX636791	C 397	11.4	0.2	15	1	BD233228	ACCESSION:BD233228
C 325	11.8	0.2	15	1	AX708801	ACCESSION:AX708801	C 398	11.4	0.2	15	1	BD233228	ACCESSION:BD233228

107	13.8	0.2	17	1	CO617714	ACCESSION:CO617714
108	13.8	0.2	17	1	CO623033	ACCESSION:CO623033
109	13.8	0.2	17	1	AR401816	ACCESSION:AR401816
110	13.8	0.2	17	1	AR458776	ACCESSION:AR458776
111	13.8	0.2	17	1	AR458777	ACCESSION:AR458777
112	13.8	0.2	17	1	AR464096	ACCESSION:AR464096
113	13.8	0.2	17	1	AR468894	ACCESSION:AR468894
114	13.8	0.2	17	1	AR744399	ACCESSION:AR744399
115	13.8	0.2	17	1	AR744402	ACCESSION:AR744402
116	13.8	0.2	17	1	AX759739	ACCESSION:AX759739
117	13.8	0.2	17	1	AX926745	ACCESSION:AX926745
118	13.8	0.2	17	1	BD067316	ACCESSION:BD067316
119	13.8	0.2	17	1	AR096845	ACCESSION:AR096845
120	13.8	0.2	18	1	AS8763	ACCESSION:AS8763
121	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
122	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
123	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
124	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
125	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
126	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
127	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
128	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
129	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
130	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
131	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
132	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
133	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
134	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
135	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
136	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
137	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
138	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
139	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
140	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
141	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
142	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
143	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
144	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
145	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
146	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
147	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
148	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
149	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
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153	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
154	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
155	13.4	0.2	15	1	AS8763	ACCESSION:AS8763
156	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
157	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
158	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
159	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
160	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
161	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
162	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
163	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
164	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
165	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
166	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
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173	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
174	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
175	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
176	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
177	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
178	13.4	0.2	16	1	AR231732	ACCESSION:AR231732
179	13.4	0.2	16	1	AR231732	ACCESSION:AR231732